

mamed inventor, I hereby declare that:

Daniel E. Jonhnson

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## SYSTEM AND METHOD FOR HIERARCHICAL SEGMENTATION WITH LATENT SEMANTIC INDEXING IN SCALE SPACE

the specification of which is attached hereto unless the following box is checked: x was filed on DECEMBER 28, 2001 (if applicable). and was amended on \_ I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56. I hereby claim foreign priority benefits under 35 USC §119(a-d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. **Priority Not Claimed** Prior Foreign Application(s): (Country) (Day/Month/Year Filed) (Number) I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below: Provisional Application(s): (Application Number) (Filing Date) I hereby claim the benefit under 35 USC §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR \$1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (Application Number) (Filing Date) (Status - patented, pending, abandoned) Power of Attorney: I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Thomas R. Berthold Marc D. McSwain (#28,689) T. Rao Coca (#29,784)Alison D. Mortinger (#39,306)

(#37.033)

Khanh Q. Tran

Docket No. ARC920010089US1

Post Office Address: Same

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

	Address all correspondence to:
Address all telephone calls to:	Address all correspondence to.
Marc D. McSwain	Marc D. McSwain
	IBM Corporation
	Almaden Research Center
408) 927-3364	650 Harry Road
,	San Jose, CA 95120
are believed to be true; and further that these statements were mad	ledge are true and that all statements made on information and belief ite with the knowledge that willful false statements and the like so made 001 of Title 18 of the United States Code and that such willful false atent issued thereon.
Full name of sole or first inventor: JAMES H.	KALIFMAN
all land of sole of hist inventor.	2/ -/-
Same H. Kaylund	3/25/2002
nventor's signature:	Date:
Residence: 2408 Fairoak Court, San Jose, Ca	alifornia 95125
Citizenship: United States of America	Post Office Address: Same
?////////////////////////////////////	
Full name of second inventor: DULCE BE	ATRIZ PONCELEON
Inventor's signature: De Onclew	Date 3/29/02
Residence: 3770 Ross Road, Palo Alto, Califo	ornia 94303
Citizenship: United States of America	Post Office Address: Same
Full name of third inventor: MALCOLM	SLANEY
Inventor's signature: Malwho Sla	Date: 3/27/200
Residence: 650 Harry Road, San Jose, Califo	ornia 95120

**United States of America** 

Citizenship: